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WAR FOOD ADMINISTRATION  
Office of Distribution  
Washington 25, D. C.

April 26, 1944

BUTTER GRADERS' MEMORANDUM NO. 5

To: Butter Supervisors and Graders

From: B. J. Ommodt, Senior Marketing Specialist, Inspection and Grading Division, Dairy and Poultry Branch

Subject: Procedure to be Followed in Grading, Weighing and Preparation of Graders' Memoranda and Certificates Covering Butter Offered for Sale to DPMA

This memorandum is issued to consolidate and bring up to date all previous instructions covering butter offered for sale to DPMA. Therefore, effective immediately, the instructions contained herein supersede all previous instructions and shall be fully adhered to in order to maintain uniformity in procedure.

MANIFEST COVERING LIST OF CHURNINGS - The grader shall obtain from the vendor a complete manifest showing churn numbers and the number of packages for each churning in the lot. Check list closely for duplications of churn numbers or other discrepancies. When the lot offered for grading is in print form, the original churning numbers from the bulk packages should be carried forward on the packages containing the print butter.

SELECTING SAMPLES AND GRADING -

(a) The grader should select one sample from each churning in the lot for grading and weighing. In the event butter is stored in a public warehouse, an employee of the warehouse may be designated to select samples. Occasionally the grader should spot check by selecting additional samples for test weighing and grading. The samples should be in proper condition for grading and should be at least 48 hours old at time of grading. In case of print butter, the samples should be broken open for thorough examination of the interior. Also examine surface of print sample for condition and off flavors.

(b) Print wrappers must show name and address of manufacturer or distributor, net weight, and name of product, to comply with Food, Drug, and Cosmetic Act. One-quarter pound prints or rolls are not purchased by DPMA.

(c) All butter delivered to DPMA shall be salted creamery butter and shall meet the requirements for U.S. Grade B or better unless the vendor does not have sufficient butter of grade B or better to fulfill the set-aside requirements, in which case, set aside obligation may be fulfilled with 89 Score butter. Churnings rejected should be recorded individually on the graders' memorandum and shown on certificate as total number of churnings and total packages rejected or a separate certificate may be issued at vendor's request, in which case rejects need not be shown on original certificate with accepted churnings.

WEIGHING PROCEDURE -

(a) Before making weight test, the scales should be tested for accuracy by the use of test check weights.

(b) Weight tests should be made by weighing one sample from each churning in the lot. In case of packages weighing less than 50 pounds each, weigh two packages at one time.

(c) Average tare weights of parchment tub liners and circles, box liners, print wrappers, plus box liners are as follows:

63-pound tub liners and circles - - -	2 ounces when damp and 3 ounces when wet;
68-pound box liners - - - - -	3 ounces when damp and 4 ounces when wet;
60- one pound print wrappers plus complete box liner - - - - -	8 ounces when damp and 10 ounces when wet.

The above average tare weights are based on 27 to 30 pound parchment stock. These tare weights should be used unless parchment weight varies appreciably from the weight of stock indicated above.

(d) When the test weight equals or exceeds the marked net weight, it shall be recorded as OK. When the test weight is below the marked weight, record the test weight to the next lower quarter, one half, three fourths, or full pounds, as the case may be. For example, if the test weight shows 59 pounds and 14 ounces, record it as 59-3/4 pounds.

(e) In computing shortages, multiply test shortage by the total number of packages in the churning. Total weight of carlot or recapitulation of grades within a carlot should be recorded on the certificate in full pounds and fractions of pounds, if any. In case of test weight shortages, indicate for each grade the marked weight, test shortage, and net weight of the lot in the body of the certificate.

(f) In all instances, the test weight recorded is net butter "after weight of wrappers, (circles) and liners has been deducted". This statement should be shown under REMARKS and indicated by asterisk at the head of TEST WEIGHT column. In the space on the certificate captioned "Marked or Contractor's Weight", the figure shown should be the contractor's net weight of the lot - - - strike out the word "Marked".

TYPE OF CONTAINER -

(a) Indicate type of container and material used in construction - new, re-conditioned or used, and if wire strapped - condition, paraffined and kind of liners (parchment or waxed). If any variation, indicate percentages on certificate.

(b) If containers do not meet specifications, state reason; for example, used containers, if wood measurements below requirements give measurements, if less than six cement coated nails to each nailing edge, state number, whether or not all packages strapped for export, and any other information necessary to DPMA for determining exact basis for settlement.



MARKING CONTAINERS \* All stencilling required under the terms of the announcement should be on the package at the time of grading with the possible exception of the contract number. This includes vendor's name, address, name of product, marked weight, churn number, and also contract if available. Markings on the container must be legible; pencil markings not acceptable.

Each carlot of butter shall be assigned a USDA or FDA lot number. When the butter is stored in a public warehouse, it will be necessary to stamp only the samples. When the butter is held in a plant or a private warehouse, each individual container in the lot should be stamped with a USDA or FDA lot number, if at all possible. Samples shall also be stamped with a special stamp bearing the word "sample" and the vendor should be instructed to load the samples in the doorway of the car.

GRADING BUTTER SHOWING ABNORMAL SURFACE CONDITION OR BELOW U.S. GRADE C -

(a) Any lot of butter with one or more churnings showing mold on the surface of the butter or on the packing material shall be classified as "No Grade". The flavor rating of each churning should be shown on the certificate, but no U.S. grade will be given. Under "Remarks", show the following statement: "This lot of butter classified as 'No Grade' because of mold condition noted on surface and packing material on churning or churnings, as the case may be" (give churning numbers and indicate if mold on both surface of butter and packing material).

(b) In case a carlot of bulk butter contains churnings from more than one plant and the churnings are properly identified either by name of creamery or stencil, then mold found on one lot in the carlot will not affect the grade of other lots, but in all cases, lots from different creameries within a carlot shall be listed on the certificate separately. In case mold is found on any churning of print butter where the entire carlot has been printed in one plant, the entire lot shall be classified as "No Grade".

(c) In cases where mold has penetrated the surface of the butter so that it cannot be removed by scraping a thin layer off the outside surface, the butter shall be classified as "No Grade" and no flavor rating or final score shall be given.

(d) Abnormal surface flavor. - The flavors tallowy, rancid, paint, varnish, gasoline, kerosene, fly spray, or any other chemicals shall be classified as "No Grade" even when present only on the surface of the butter. However, if present only on the surface of the butter, the flavor rating should be given, classifying each churning as "No Grade" with proper comment.

USED AND RECONDITIONED PACKAGES -

(a) Used packages are containers that have been used one or more times without reconditioning.

(b) Reconditioned packages are containers that have been used but have been thoroughly cleaned and reconditioned inside and out and all previous marks removed and nail holes filled before subsequent usage.

RECAP OF GRADES, BULK OR PRINTS, CONTAINERS AND STRAPPING - When more than one grade of butter is covered by the certificate, a weight recapitulation should be shown for each grade. If a carlot contains butter of print and bulk, show the churnings and total poundage for each separately. Also if the carlot contains more than one type of container, the total number of packages for each type according to grades must be clearly indicated on the certificate. Also show number strapped or unstrapped containers if any. Example is below:

						Marked	Test	Net						
15 chgs.	-	210	-	60# type D bulk	-	U.S.-A	-	12,600	-	15	-	12,585	-	strapped
5 "	-	80	-	60# " E prints	-	U.S.-A	-	4,800	-	10	-	4,790	-	strapped
25 "	-	365	-	60# " D bulk	-	U.S.-B	-	21,900	-	33	-	21,867	-	strapped
3 "	-	45	-	60# " E prints	-	U.S.-B	-	2,700	-	OK	-	2,700	-	unstrapped
<u>48</u>		<u>700</u>						<u>42,000</u>		<u>58</u>		<u>41,942</u>		

BILLING - The vendor will be the applicant and will be billed by the grading office for the grading on a churning or time basis, whichever is the more equitable, plus subsistence and transportation, if any, incurred by the grader.

INSPECTION FEES AND CHARGES - All inspection fees and charges shall be paid by the vendor, who will be reimbursed by the DPMA for the amount of inspection charges, including traveling and per diem expenses of the grader, but not to exceed \$30.00 per 40,000 pound net carlot, applicable to butter delivered. In the event that churnings of butter offered are not acceptable, the cost of inspection shall be prorated on the total number of churnings tendered. The reimbursement to the vendor by DPMA will be the amount applicable to the churnings accepted for delivery.

CERTIFICATES - Certificates should be prepared and mailed to vendors promptly. Prepare original and six copies and distribute as follows: Original and three copies to vendor, one copy to Washington office, one copy to the supervisor of butter grading in your area, and retain one copy for grader's file.

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